

SYSTEMS AND METHODS FOR COMBINING AN  
ANATOMIC STRUCTURE AND METABOLIC  
ACTIVITY FOR AN OBJECT

ABSTRACT OF THE DISCLOSURE

A method for combining an anatomic structure and metabolic activity for an object is described. The method includes acquiring a first set of images by scanning the object using a first modality, acquiring a second set of images by scanning the object using a second modality, fusing the first and second sets of images to form a fused volume, identifying a region of interest (ROI) in the fused volume, the ROI corresponding to an organ of interest of the object, and providing a viewing path through the fused volume at least partially following the ROI.